

## ABSTRACT

1       A multicolor-printer has a plurality of print stations arranged to generate  
2       an image on a recording medium, and a recording medium conveyor. A plu-  
3       rality of similar encoding marks are associated with the conveyor. Sensor ar-  
4       rangements are associated with the print stations, responsive to the encoding  
5       marks. They generate signals indicating the conveyor movement with respect  
6       to the corresponding print station. An index marking is indicative of a con-  
7       veyor reference position. The sensor arrangements are responsive to it,  
8       thereby providing information about the reference position with respect to the  
9       corresponding print station. The printer registers images of different print sta-  
10      tions with each other based on the movement and reference-position informa-  
11      tion.